

Web Services Specifications Manual SFY2013

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DARMHA WEB SERVICES

All method examples are written using C# and Visual Basic.Net notation in a Microsoft .NET framework context. This does not mean that these web services are inaccessible to other languages or platforms; just be aware that using a different environment and/or platform may require a different syntax when writing your code.

Fields indicated as optional must still appear in the command call, but should have empty values passed. In the case of the Web Method call the parameter list might look like the following:

MyClass.ConsumerExits(param1, param2,"",param4,"","")

The above example assumes that param3,5,6, and 7 are defined as string.

In the case of a SOAP XML message, you would frame it as an empty tag: <Internal_ID></Internal_ID>

Inclusion of "" within the tag would be incorrect.

When the methods expect parameters that are derived from code or look-up tables, please reference the DARMHA Import/Export manual for a listing of acceptable codes for each data element.

* In the detailed listing of the Serializable Web Classes, the items highlighted in yellow are those items that are optional data to provide to DARMHA.

Web Classes

Classes have been established that are serializable and can be consumed much like the web methods for the passing of data to and from the application where applicable. When possible/appropriate, duplicate methods exist to facilitate those that would most benefit from the use of Web Classes versus the DataSets which are .Net specific.

Summary of New and Deleted Items

New Fields

New fields have been added to their respective subject areas as either items that were part of the revisions or newly discovered data elements that require attention.

Education_IvI (NOMS Class)
School_atd (NOMS Class)
Housing_cat (NOMS Class)
Housing_sta (NOMS Class)
Ressup_IvI (NOMS Class)
Comint_IvI (NOMS Class)
Homeless srv (NOMS Class)

Deleted Fields

Fields that were deleted from tables. Education_lvl (Episode Class)

Retired Web Methods

Web methods that were removed from current DARMHA version.

ValidateConsumerOther;

NewValidateConsumerOther;

ConsumerInsertOther;

NewConsumerInsertOther;

ConsumerUpdateOther;

NewConsumerUpdateOther;

NewGetConsumerOther

Web Classes

The following is a detailed listing of the Serializable Web Classes that are available for DARMHA Web Service users that will grant you easier access to the retrieval and submission of data via the Web Services protocol.

- AssessmentResults
- Consumer
- DiagnosisList
- Diagnosis
- EBPs
- Encounter
- Substances
- Episode
- NOMS_Record

AssessmentResults Class

String ArrayAlgorithmDescString ArrayOptionDescString ArrayOptionLevelIntegerCount

Consumer Class

String InternalID String LastName String FirstName **BirthDate** String String Gender SSN String Ethnicity Integer **CSDSID** String String ZipCode String MiddleName String MomsName Integer Race_Native_Am Integer Race Asian Race_Black Integer Race_White Integer Race Hawaiian Integer Integer Race_Other

DiagnosisList Class (output)

string arrayDSMIV_Codestring arrayDescriptionIntegerCount

*Count is the number of array elements returned.

Diagnosis Class

String DiagnosisDate Axis1Diag1 String Axis1Diag2 String String Axis1Diag3 **String** Axis2Diag1 **String** Axis2Diag2 Axis3Diag1 String String Axis3Diag2 String Axis3Diag3 Axis4 String Axis3Nara String String Axis4Nara Axis5GAF Integer Integer LeadCause_Ind

Integer SOGS

EBP Class

String EBPHistory_Date Integer ACT SOC Integer Integer **CAPRTF** SuppEmploy Integer IDDT Integer Integer **IMR** SuppHouse Integer MotInt Integer CogBeh Integer

Encounter Class

MatMod

StringInternalEpisodeIDStringInternalServiceIDStringService_DateStringProcedure_Code

Integer Units

Integer CommonValue Integer LevelOfClinician

Substances Class (output)

String Array Substance_Desc
String Array SubstanceID
Integer Count*

Integer

^{*}Count is the number of array elements returned

Episode Class

String InternalEpisodeID String Start Date End Date String String **HAPStatus Date** Medicaid_Active Integer MedicaidID String MaritialStatus Integer Integer County Integer FoodStamps HealthIns Integer ReferralSource Integer Integer **PriorSAEpisodes** ReferralLegalBasis Integer Integer VeteranStatus DisabilityID Integer DependentCare Integer **TANFStatus** Integer Income Integer FamilySize Integer Integer **EpisodeStatus HAPStatus** Integer

NOMS Class

NOMS Date String Reason Code Integer Integer Education Ivl School_atd Integer **Employment** Integer Integer **ROLES**

LivingArrangement Integer Housing_cat Integer Integer Housing sta Ressup Ivl Integer Comint Ivl Integer Integer Homeless_srv EmploymentDetail Integer Integer PrimarySubstance PrimaryRoute Integer PrimaryFrequency Integer PrimaryAge Integer

Secondary SubstanceInteger Integer SecondaryRoute SecondaryFrequency Integer Integer SecondaryAge Integer TertiarySubstance TertiaryRoute Integer TertiaryFrequency Integer TertiaryAge Integer

CriminalInvolvement

Integer SocialSupport Integer NeedleUse Integer Integer IsPregnant

WEB METHODS

Consumer Demographic Object

ConsumerExist

[C#]

public int ConsumerExists(string UserName, string Password, string Internal_ID, int Medicaid_Active, int Medicaid_ID, string CSDS_ID, string Last_Name, string First_Name, string Birth_Date, string Mom_Maiden_Name)

[Visual Basic.Net]

Public ConsumerExists(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Medicaid_Active as Integer, Byval Medicaid_ID as String, Byval CSDS_ID as String, Byval Last_Name as String, Byval Birth Date as String, Byval Mom Maiden Name as String) as Integer

This method checks the existence of a consumer record from the database.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.
Medicaid_Active	Yes	Integer		0 – Not Active
				1 – Active
Medicaid_ID	No*	String	12	Consumer's Medicaid ID
CSDS_ID	No*	String	16	For consumers served in CSDS, please supply this number.
Last_Name	Yes	String	30	Consumer's Last Name
First_Name	Yes	String	25	Consumer's First Name
Birth_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Mom_Maiden_Name	No*	String	30	Consumer's Mother's Maiden Name

^{*} Must enter: "" (empty double quotes)

Returns: Integer

Value	Value Description
>0	DARMHA ID (Record found)
0	Consumer record not found
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed

ValidateConsumer

[C#]

public string ValidateConsumer(string UserName, string Password, string Internal_ID, string Last_Name, string First_Name, string Birth_Date, string Gender, string CSDS_ID, string SSN, int Ethnicity, string Zip_Code, string Middle_Name, string Mom_Maiden_Name, int Race_Native_Am, int Race_Asian, int Race_Black, int Race_White, int Race_Hawaiian, int Race_Other)

[Visual Basic.Net]

Public ValidateConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String, Byval Gender as String, Byval CSDS_ID as String, Byval SSN as String, Byval Ethnicity as Integer, Byval Zip_Code as String, Byval Middle_Name as String, Byval Mom_Maiden_Name as String, Byval Race_Native_Am as Integer, Byval Race_Asian as Integer, Byval Race_Black as Integer, Byval Race_White as Integer, Byval Race_Hawaiian as Integer, Byval Race_Other as Integer) as String

This method validates the existence of a consumer record by a given parameters.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.
Last_Name	Yes	String	30	Consumer's Last Name
First_Name	Yes	String	25	Consumer's First Name
Birth_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Gender	Yes	String	1	M = Male, F=Female
CSDS_ID	No*	String	16	For consumers served in CSDS, please supply this
				number.
SSN	No*	String	11	999-99-9999
Ethnicity	Yes	Integer		Consumer's Ethnic Status:
				1 = Puerto Rican
				2 = Mexican
				3 = Cuban
				4 = Other Hispanic/Latino
				5 = Not Hispanic/Latino
				6 = Latino Unknown Origin
Zip_Code	Yes	String	10	99999 or 9999-99999 (5 or 5 + dash + 4)
Middle_Name	Yes	String	25	Consumer's Middle Name
Mom_Maiden_Name	No*	String	30	Consumer's Mother's Maiden Name
Race_Native_Am	Yes	Integer		0 = Not Native American; 1 = Native American
Race_Asian	Yes	Integer		0 = Not Asian; 1 = Asian
Race_Black	Yes	Integer		0 = Not African American; 1 = African American
Race_White	Yes	Integer		0 = Not White; 1 = White
Race_Hawaiian	Yes	Integer		0 = Not Native Hawaiian/Pacific Islander
				1 = Native Hawaiian/Pacific Islander
Race_Other	Yes	Integer		0 = Race category was selected
				1 = Available race categories do not apply

If not provided, must enter "" (empty double quotes)

Returns: string

Value	Value Description
00000000000000000	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	I = ETTOT
	From left to right:
	Pos1: Internal_ID
	Pos2: CSDS_ID
	Pos3: LastName
	Pos4: FirstName
	Pos5: Gender
	Pos6: BirthDate
	Pos7: SSN
	Pos8: Ethnicity
	Pos9: Zip_Code
	Pos10: Middle_Name
	Pos11: Mom_Maiden_Name
	Pos12: Race_Native_Am
	Pos13: Race_Asian
	Pos14: Race_Black
	Pos15: Race_White
	Pos16: Race_ Hawaiian
	Pos17: Race_Other
	Example:
	An error on LastName, Gender and Race_Asian will return:
	0010100000010000
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-57	Other single race can only be used when the other race categories do not
	apply

<u>NewValidateConsumer</u>

[C#]

public string NewValidateConsumer(string UserName, string Password, Consumer inputConsumer)

[Visual Basic.Net]

Public NewValidateConsumer(Byval UserName as String, Byval Password as String, Byval inputConsumer as Consumer) as String

This method validates consumer information from a Consumer class reference.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
inputConsumer	Yes	Class		Please refer to the Consumer Class definition for
				details on this input class

Returns: string	
Value	Value Description
000000000000000000000000000000000000000	String representing the validation status of each field.
	Values: 0 = Ok
	1 = Error
	From left to right:
	Pos1: Internal_ID
	Pos2: CSDS_ID
	Pos3: LastName
	Pos4: FirstName
	Pos5: Gender
	Pos6: BirthDate
	Pos7: SSN
	Pos8: Ethnicity
	Pos9: Zip_Code
	Pos10: Middle_Name
	Pos11: Mom_Maiden_Name
	Pos12: Race_Native_Am
	Pos13: Race_Asian
	Pos14: Race_Black
	Pos15: Race_White
	Pos16: Race_ Hawaiian
	Pos17: Race_Other
	Example:
	An error on LastName, Gender and Race_Asian
	will return:
	0010100000010000
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-57	Other single race can only be used when the
	other race categories do not apply

ConsumerInsert

[C#]

public int ConsumerInsert(string UserName, string Password, string Internal_ID, string Last_Name, string First_Name, string Birth_Date, string Gender, string CSDS_ID, string SSN, int Ethnicity, string Zip_Code, string Middle_Name, string Mom_Maiden_Name, int Race_Native_Am, int Race_Asian, int Race_Black, int Race_White, int Race_Hawaiian, int Race_Other)

[Visual Basic.Net]

Public ConsumerInsert(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String, Byval Gender as String, Byval CSDS_ID as String, Byval SSN as String, Byval Ethnicity as Integer, Byval Zip_Code as String, Byval Middle_Name as String, Byval Mom_Maiden_Name as String, Byval Race_Native_Am as Integer, Byval Race_Asian as Integer, Byval Race_Black as Integer, Byval Race_White as Integer, Byval Race_Hawaiian as Integer, Byval Race_Other as Integer) as Integer

This method inserts new consumer record in the database. It must return a zero (0) value to flag inserted successfully.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at
				the provider's practice in their internal systems.
Last_Name	Yes	String	30	Consumer's Last Name
First_Name	Yes	String	25	Consumer's First Name
Birth_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Gender	Yes	String	1	M = Male, F = Female
CSDS_ID	No*	String	16	For consumers also served in CSDS, please
				supply this number.
SSN	No*	String	11	999-99-9999
Ethnicity	Yes	Integer		Consumer's Ethnic Status:
				1 = Puerto Rican
				2 = Mexican
				3 = Cuban
				4 = Other Hispanic/Latino
				5 = Not Hispanic/Latino
				6 = Latino Unknown Origin
Zip_Code	Yes	String	10	99999 or 99999-9999 (5 or 5 + dash + 4)
Middle_Name	No*	String	25	Consumer's Middle Name
Mom_Maiden_Name	No*	String	30	Consumer's Mother's Maiden Name
Race_Native_Am	Yes	Integer		0 = Not Native American; 1 = Native American
Race_Asian	Yes	Integer		0 = Not Asian; 1 = Asian
Race_Black	Yes	Integer		0 = Not African American
				1 = African American
Race_White	Yes	Integer		0 = Not White; 1 = White
Race_Hawaiian	Yes	Integer		0 = Not Native Hawaiian/Pacific Islander
				1 = Native Hawaiian/Pacific Islander
Race_Other	Yes	Integer		0 = Race category was selected
				1 = Available race categories do not apply

^{*} If not provided, must enter "" (empty double quotes)

Returns: Integer

Value	Value Description
>0	DARMHA ID (Consumer record already exist)
0	Record inserted successfully
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-20	Consumer field(s) with errors
-57	Other single race can only be used when the other race
	categories do not apply
-65	Based on DOB and Social Security, this consumer already
	exists

<u>NewConsumerInsert</u>

[C#]

public int NewConsumerInsert(string UserName, string Password, Consumer inputConsumer)

[Visual Basic.Net]

Public NewConsumerInsert(Byval UserName as String, Byval Password as String, Byval inputConsumer as Consumer) as Integer

This method inserts a new consumer information from a Cosumer class reference.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
inputConsumer	Yes	Class		Please refer to the Consumer Class definition for
				details on this input class

Returns: Integer

Value	Value Description
00000000000000000	String representing the validation status of each
	field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Internal_ID
	Pos2: CSDS_ID
	Pos3: LastName
	Pos4: FirstName
	Pos5: Gender
	Pos6: BirthDate
	Pos7: SSN
	Pos8: Ethnicity

	Pos9: Zip_Code
	Pos10: Middle_Name
	Pos11: Mom_Maiden_Name
	Pos12: Race_Native_Am
	Pos13: Race_Asian
	Pos14: Race_Black
	Pos15: Race_White
	Pos16: Race_ Hawaiian
	Pos17: Race_Other
	Example:
	An error on LastName, Gender and Race_Asian
	will return:
	0010100000010000
>0	DARMHA ID (Consumer record already exist)
0	Record inserted successfully
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-20	Consumer field(s) with errors
-57	Other single race can only be used when the
	other race categories do not apply
-65	Based on DOB and Social Security, this consumer
	already exists

ConsumerLastAssessed

[C#]

public string ConsumerLastAssesed(string UserName, string Password, string Internal_ID)

[Visual Basic.Net]

Public String ConsumerLastAssesed(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String

This method returns the latest assessment date for an specific consumer.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.

	•
Value	Value Description
MM/DD/YYYY	Last Assessment Date
0	Consumer Record not found
-1	Invalid flow

-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-5	No Assessment Found

<u>GetConsumer</u>

[C#]

public DataSet GetConsumer(string UserName, string Password, string Internal_ID)

[Visual Basic.Net]

Public GetConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as DataSet

This method retrieves a dataset of a particular existing consumer from the database.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at the
				provider's practice in their internal systems.

Returns: DataSet

Value	Value Description
DataSet.Tables[0]	.Columns[0] = Local_ID (DARMHA_ID)
	.Columns[1] = Registration_ID
	.Columns[3] = Internal_ID
	.Columns[4] = Enterprise_ID
	.Columns[5] = Export_ID
	.Columns[6] = LastName
	.Columns[7] = FirstName
	.Columns[8] = MiddleName
	.Columns[9] = BirthDate
	.Columns[10] = Gender
	.Columns[11] = Zip_Code
	.Columns[12] = SSN
	.Columns[13] = Mom_Maiden_Name
	.Columns[14] = DRS_ID (CSDS ID)
	.Columns[15] = Provider_ID
	.Columns[16] = Create_Date
	.Columns[17] = Last_Update_Date
	.Columns[18] = Privacy_Lvl
	.Columns[19] = Race_Native_Am
	.Columns[20] = Race_Asian
	.Columns[21] = Race_Black
	.Columns[22] = Race_White
	.Columns[23] = Race_ Hawaiian
	.Columns[24] = Race_Other

	.Columns[25] = Ethnicity_ID
	.Columns[26] = Ethnicity_Desc
	.Columns[27] = Race_Other
.Columns[0] = 0	Consumer Record not found
.Columns[0] = -1	Invalid flow
.Columns[0] = -2	SQL exception
.Columns[0] = -3	Authentication Failed
.Columns[0] = -4	Web Service Secure Connection Failed

NewGetConsumer

[C#]

public Consumer NewGetConsumer(string UserName, string Password, string Internal_ID)

[Visual Basic.Net]

Public NewGetConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as Consumer

This method retrieves a consumer information into a Consumer class object.

Input Parameters

inpact arameters				
Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at the
				provider's practice in their internal systems.

Please refer to the Consumer Class structure for field layout.

Returns: Class Consumer

Value	Value Description
Error_Code = 1	Consumer Found
Error_Code = 0	Consumer Not Found
Error_Code = -1	Invalid Flow
Error_Code = -2	SQL exception
Error_Code = -3	Authentication Failed
Error_Code = -4	Web Service Secure Connection Failed

Assessment Object

<u>ValidateAssessment</u>

[C#]

public string ValidateAssessment(string UserName, string Password, string Internal_ID, string Assessment_Date, string Clinician_ID, int Assessment_Reason_Code, int[] Answer_ID)

[Visual Basic.Net]

Public ValidateAssessment(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Assessment_Date as String, Byval Clinician_ID as String, Byval Assessment_Reason_Code as Integer, Byval Answer_ID as Integer()) as String

This method validates an existing Consumer Assessment record.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Туре		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Assessment_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Clinician_ID	Yes	String	25	The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer.
Assessment_Reason_Code	Yes	Integer	4	1 = Initial Assessment 2 = Reassessment 3 = Transition/Discharge
Answer_ID	Yes	Integer Array	4	The identifier that represents the answer selected for this item/question within the assessment.

Value	Value Description
1	Assessment has been validated successfully
0	Consumer record not found
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-6	Assessment Date is required
-7	Invalid Assessment Date (format)
-8	Future Assessment Date is not allowed
-9	Duplicate Assessment – Same Internal_ID and Assessment_Date
-10	Answer_ID is required
-11	Clinician_ID is required
-12	Clinician_ID not found or certification is missing or has expired
-13	Invalid Assessment Reason Code.
-14	Assessment is empty

-15	Assessment Answer Error: An answer does not match with existing assessment.
-16	-16 Assessment is incomplete: << Error Question>> answer is missing from core module
	< <error module="">></error>
-17	Assessment Answer Mismatch Error: An answer does not match with corresponding
	assessment.
-18	-18 Assessment is incomplete: << Error Question>> answer is missing from a mandated
	extension module < <error module="">></error>
-19	Unexpected error

ProcessAssessment

[C#]

public string ProcessAssessment(string UserName, string Password,string Internal_ID, string Internal_Episode_ID, string Internal_Assessment_ID, string Assessment_Date, string Clinician_ID, int assessment_Reason_Code, int[] Answer_ID)

[Visual Basic.Net]

Public ProcessAssessment(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Assessment_ID as string, Byval Assessment_Date as String, Byval Clinician_ID as string, Byval assessment_Reason_Code as Integer, Byval Answer_ID as Integer()) as String

This method process a single consumer assessment record into the database.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client
				identifier used at the provider's
				practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode
				identifier for the episode of care for
				the specified consumer.
Internal_Assessment_ID	No	String	25	This is the provider's internally
				assigned Assessment identifier.
Assessment_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Clinician_ID	Yes	String	25	The ID of the Clinician, registered and
				currently certified, at the provider's
				practice, responsible for
				administering the CANS/ANSA to the
				consumer.
Assessment_Reason_Code	Yes	Integer	4	1 = Initial Assessment
				2 = Reassessment
				3 = Transition/Discharge
Answer_ID	Yes	Integer	4	This is the identifier provided by
		Array		DMHA for the corresponding answer
				of each item/question within the
				assessment

Value	Value Description
1	Assessment has been processed successfully
0	Consumer record not found
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-4	Web Service Secure Connection Failed
-5	Invalid Episode of Care specified or no Default Open Episode of Care available
-6	Assessment Date is required
-7	Invalid Assessment Date (format)
-8	Future Assessment Date is not allowed
-9	Duplicate Assessment – Same Internal_ID and Assessment_Date
-10	Answer_ID is required
-11	Clinician_ID is required
-12	Clinician_ID not found or certification is missing or has expired
-13	Invalid Assessment Reason Code.
-14	Assessment is empty
-15	Assessment Answer Error: An answer does not match with existing assessment.
-16	-16 Assessment is incomplete: << Error Question>> answer is missing from core module
	< <error module="">></error>
-17	Assessment Answer Mismatch Error: An answer does not match with corresponding
	assessment.
-18	-18 Assessment is incomplete: << Error Question>> answer is missing from a mandated
	extension module << Error Module>>
-19	Unexpected error
-21	Reason Code Error: Incorrect Reason Code Specified
-23	System Error: Simple Episode Creation Failed
-24	Episode Error: Assessment cannot be attached to an episode closed for over a year
-25	Episode Error: Assessment is not within the boundaries of the Episode
-26	Discharge Assessment Saved, Episode Could Not Be Closed
-27	Episode Error: Invalid Episode specified

GetAssessmentResults

[C#]

public DataSet GetAssessmentResults(string UserName, string Password, string Internal_ID, string Clinician_ID, string Assessment_Date, string Internal_Assessment_ID)

[Visual Basic.Net]

Public GetAssessmentResults(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Clinician_ID as String, Byval Assessment_Date as String, Byval Internal_Assessment_ID as String) as DataSet

This method retrieves a dataset containing the assessment results.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.
Clinician_ID	Yes	String	25	The ID of the Clinician, registered and currently certified,
				at the provider's practice, responsible for administering
				the CANS/ANSA to the consumer.
Assessment_Date	Yes	Date		Format should be: "MM/DD/YYYY"
Internal Assessment ID	No	String	25	This is the provider's internally assigned Assessment
				identifier.

Returns: DataSet

Value	Value Description	
DataSet.Tables[0]	.Columns[0] = Visit_ID	
	.Columns[1] = Algorithm_Desc	
	.Columns[2] = Option_Desc_Short	
	.Columns[3] = Option_Level	
	.Columns[4] = Option_Desc_Long	
.Columns[0] = 0	Consumer record not found	
.Columns[0] = -1	Invalid flow	
.Columns[0] = -2	SQL exception	
.Columns[0] = -3	Authentication Failed	
.Columns[0] = -4	Web Service Secure Connection Failed	
.Columns[0] = -6	Assessment Date is required	
.Columns[0] = -7	Invalid Assessment Date (format)	
.Columns[0] = -8	Future Assessment Date is not allowed	
.Columns[0] = -9	Duplicate Assessment – Same Internal_ID and Assessment_Date	
.Columns[0] = -10	Answer_ID is required	
.Columns[0] = -11	Clinician_ID is required	
.Columns[0] = -12	Clinician_ID not found or certification is missing or has expired	

NewGetAssessmentResults

[C#]

public AssessmentResults NewGetAssessmentResults(string UserName, string Password, string Internal_ID, string Clinician_ID, string Assessment_Date, string Internal_Assessment_ID)

[Visual Basic.Net]

Public NewGetAssessmentResults(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Clinician_ID as String, Byval Assessment_Date as String, Byval Internal_Assessment_ID as String) as AssessmentResults

This method retrieves a Consumer Assement record into the AssementResult class object.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Clinician_ID	Yes	String	25	The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer.
Assessment_Date	Yes	Date		Format date should be: "MM/DD/YYYY"
Internal Assessment ID	No	String	25	This is the provider's internally assigned Assessment identifier.

Returns: Class AssessmentResults

Value	Value Description		
Count > 0	Assessment Results Returned		
Count = 0	Consumer Not Found		
Count = -1	Invalid Flow		
Count = -2	SQL exception		
Count = -3	Authentication Failed		
Count = -4	Web Service Secure Connection Failed		

RetrieveAssessmentTool(Primary Flow)

[C#]

public DataSet RetrieveAssessmentTool(string UserName, string Password, int Tool_ID)

[Visual Basic.Net]

Public RetrieveAssessmentTool(Byval UserName as String, Byval Password as String, Byval Tool_ID as Integer) as DataSet

This method returns a dataset containing the Assessment Tools records.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Tool_ID	Yes	Integer		This identifies which assessment tool definition to retrieve.

Returns: DataSet

Metarris. Dataset					
Value	Value Description				
DataSet.Tables[0]	.Columns[0] = Module_Name				
	.Columns[1] = Module_ID				
	.Columns[2] = Question_Text				
	.Columns[3] = Question_ID				
	.Columns[4] = Question_Order				
	.Columns[5] = Answer_ID				
	.Columns[6] = Answer_Desc				
	.Columns[7] = Answer_Value				
	.Columns[8] = Question_Clarification				
.Columns[0] = 0	Tool record not found				
.Columns[0] = -1	Invalid flow				
.Columns[0] = -2	SQL exception				
.Columns[0] = -3	Authentication Failed				
.Columns[0] = -4	Web Service Secure Connection Failed				

GetClinicianCertification()

[C#]

public DataSet GetClinicianCertification(string UserName, string Password, string InternalStaffID)

[Visual Basic.Net]

Public GetClinicianCertification(Byval UserName as String, Byval Password as String, Byval InternalStaffID as String) as DataSet

This method retrieves a list of all the certification for a particular clinician.

Field Name	Required	Data	Length	Comments/Description
		Туре		
UserName	Yes	String	10	Web Service User Name
Password	Yes	String	20	Web Service Password
Internal Staff ID	Yes	String	25	Clinician's Internal Staff ID

Returns: DataSet

Value	Value Description			
DataSet.Tables[0]	.Columns[0] = Certification Type [1-CANS 2-ANSA 3-CANS SuperUser 4-ANSA			
	SuperUser]			
	.Columns[1] = Effective Start Date			
	.Columns[2] = Expiration Date			
.Columns[0] = -1	Invalid flow			
.Columns[0] = -2	SQL exception			
.Columns[0] = -3	Authentication Failed			
.Columns[0] = -4	Web Service Secure Connection Failed			

Episode Object

GetLatestEpisode()

[C#]

public string GetLatestEpisode(string UserName, string Password, string Internal_ID)

[Visual Basic.Net]

Public GetLatestEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String

This method returns the ID of the consumer's latest Episode of Care for reference.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.

Returns: String

Value	Value Description
Internal_Episode_ID	This is the ID of the Consumer's Latest Episode of Care.
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -30	Consumer has no Episode of Care defined
= -31	Latest Episode has no Internal Identifier

<u>GetPriorEpisode</u>

[C#]

public string GetPriorEpisode(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Episode_Start_Date)

[Visual Basic.Net]

Public string GetPriorEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_ID as String, Byval Episode Start Date as String) as String

This method returns the ID of the consumer's previous Episode of Care prior to the submitted Episode of Care information for reference.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Туре		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the episode
				of care for the specified consumer.
Episode_Start_Date	No	Date		Only supply placeholder, used in Secondary Flow only.
				Format should be: "MM/DD/YYYY"

Returns: String

Value	Value Description	
Internal_Episode_ID	This is the ID of the Consumer's Prior Episode of Care from the episode id	
	submitted	
= 0	Consumer record not found	
= -1	Invalid flow	
= -2	SQL exception	
= -3	Authentication Failed	
= -4	Web Service Secure Connection Failed	
= -46	Consumer has no Prior Episode of Care defined	
= -31	No Episode of Care defined by the supplied criteria	
= -37	Invalid Episode Start Date or Internal Episode ID	

GetEpisodeStatus()

[C#]

public string GetEpisodeStatus(string UserName, string Password, string Internal_ID)

[Visual Basic.Net]

Public GetEpisodeStatus(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String

This method returns the ID of the consumer's latest Episode of Care for reference.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.

Value	Value Description		
Internal_Episode_ID	This is the ID of the Consumer's Latest Episode of Care.		
= 0	Consumer record not found		
= -1	Invalid flow		
= -2	SQL exception		
= -3	Authentication Failed		
= -4	Web Service Secure Connection Failed		

CloseEpisode()

[C#]

public string GetPriorEpisode(string UserName, string Password, string Internal_ID, string Episode_End_Date, int Episode_Status_Code)

[Visual Basic.Net]

Public GetPriorEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Episode_End_Date as String, Byval Episode_Status_Code as Integer) as String

This method closes the consumer's currently open episode of care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Episode_End_Date	Yes	Date		Date the Episode is to be marked as closed. Required format: "MM/DD/YYYY"
Episode_Status_Code	Yes	Integer		This represents any special circumstance or condition that may exist as a continuing factor in the consumer's episode OR affect the end of the consumer's episode.

Returns: String

Value	Value Description			
= 1	Episode Closed Successfully			
= 0	Consumer record not found			
= -1	Invalid flow			
= -2	SQL exception			
= -3	Authentication Failed			
= -4	Web Service Secure Connection Failed			
= -31	No open Episode of Care defined by the supplied criteria			
= -35	Invalid Episode_Status_Code			
= -38	Invalid Episode Close Date			

InsertEpisode()

[C#]

public string InsertEpisode(string UserName, string Password, string Internal_ID, Episode inputEpisode)

[Visual Basic.Net]

Public InsertEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval inputEpisode as Episode) as String

This method creates a new episode of care for the indicated consumer.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at the
				provider's practice in their internal systems.
inputEpisode	Yes	Class		Please refer to the Episode Class definition for details on
				this input class.

^{*}Refer to the Import/Export Process document for possible values.

Returns: String				
Value	Value Description			
= 1	Episode Inserted Successfully			
= 0	Consumer record not found			
= -1	Invalid flow			
= -2	SQL exception			
= -3	Authentication Failed			
= -4	Web Service Secure Connection Failed			
= -32	Existing Open Episode of Care Exists; cannot create second open episode without			
	closing first.			
= -35	Invalid Episode_Status_Code			
Items Specific Error	String representing the validation status of each field.			
	Values:			
	0 = Ok			
	1 = Error			
	From left to right:			
	Pos1: Record Identifier			
	Pos2: Internal_ID			
	Pos3: Internal_Episode_ID			
	Pos4: Episode_Start_Date			
	Pos5: Episode_End_Date			
	Pos6: Medicaid_Active			
	Pos7: Medicaid_ID			
	Pos8: Maritial_Status			
	Pos9: County_Of_Residence			
	Pos10: Food_Stamps			
	Pos11: Source_Of_Referral			
	Pos12: Legal_Basis_For_Referral			
	Pos13: Veteran_Status			
	Pos14: Counsumer_Disability_ID			

UpdateEpisode()

[C#]

Public InsertEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval inputEpisode as Episode) as String

[Visual Basic.Net]

public string InsertEpisode(string UserName, string Password, string Internal_ID, Episode inputEpisode)

This method ONLY updates an existing episode of care for the indicated consumer.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at the provider's practice in their internal systems.
inputEpisode	Yes	Class		Please refer to the Episode Class definition for details on this input class.

^{*}Refer to the Import/Export Process document for possible values.

Value	Value Description			
= 1	Episode Updated Successfully			
= 0	Consumer record not found			
= -1	Invalid flow			
= -2	SQL exception			
= -3	Authentication Failed			
= -4	Web Service Secure Connection Failed			
= -33	No Episode of Care exists, use Insert instead of Update			
= -35	Invalid Episode_Status_Code			
= -54	Invalid HAP status value			
= -55	Reopened episode must remain open for 24 hours.			

Items Specific Error String representing the validation status of each field. Values: 0 = Ok1 = Error From left to right: Pos1: Record Identifier Pos2: Internal ID Pos3: Internal_Episode_ID Pos4: Episode_Start_Date Pos5: Episode End Date Pos6: Medicaid Active Pos7: Medicaid_ID Pos8: Maritial_Status Pos9: County_Of_Residence Pos10: Food_Stamps Pos11: Source_Of_Referral Pos12: Legal_Basis_For_Referral Pos13: Veteran_Status Pos14: Counsumer Disability ID Pos15: Consumer_TANF_Status Pos16: Consumer_Health_Insurance Pos17: Family_Size Pos18: Adjusted_Family_Income Pos19: Episode_Status Pos20: Prior_SA_Episodes Pos21: Dependent_Care Pos22: HAP_Status_Date Pos23: HAP_Status Example: An error on Medicaid_ID, County_Of_Residence will return:

000000101000000000000000

Encounter Object

InsertEncounter()

[C#]

public string InsertEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID, string Service_Date, string Procedure_Code, int Units, int Common_Value, int Level_of_Clinician)

[Visual Basic.Net]

Public InsertEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String, Byval Service_Date as String, Byval Procedure_Code as String, Byval Units as Integer, Byval Common_Value as int, Byval Level_of_Clinician as Integer) as String

This method inserts an Encounter/Service into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the episode of care for the specified consumer
Internal_Service_ID	Yes	String	20	The provider's internally supplied identifier for this specific service rendered. This is for the provider's reference only.
Service_Date	Yes	Date		Date the service was provided. Required format: "MM/DD/YYYY"
Procedure_Code	Yes	String	6	Standard Current Procedural Terminology Codes (CPT) or Healthcare Common Procedure Coding System (HCPCS) codes.
Units	Yes	Integer		The number of units of the procedure supplied above.
Common_Value	Yes	Integer		The default MRO value will be used if no value is supplied
Level_Of_Clinician	Yes	Integer		*

^{*}Refer to the Import/Export Process document for possible values.

Value	Value Description
= 1	Encounter Inserted Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -20	Field(s) with Error
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -36	Service Outside Episode of Care Bounds
= -59	Internal Service ID already exists; record skipped

Items Specific Error	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Record Identifier
	Pos2: Internal_ID
	Pos3: Internal_Episode_ID
	Pos4: Service_Date
	Pos5: Procedure_Code
	Pos6: Units
	Pos7: Common_Value
	Pos8: Level_of_Clinician
	Pos9: Internal_Service_ID
	Example:
	An error on Procedure_Code will return:
	000010000

NewInsertEncounter()

[C#]

public string NewInsertEncounter(string UserName, string Password, string Internal_ID, Encounter service)

[Visual Basic.Net]

Public NewInsertEncounter(string Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval service as Encounter) as String

This method inserts an Encounter/Service into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Service	Yes	Class		Please refer to the Encounter Class description for field layout.

Returns: String

Value	Value Description
= 1	Encounter Inserted Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -36	Service Outside Episode of Care Bounds
=-59	Internal Service ID already exists; record skipped
Items Specific Error	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Record Identifier
	Pos2: Internal_ID
	Pos3: Internal_Episode_ID
	Pos4 Service_Date
	Pos5: Procedure_Code
	Pos6: Units
	Pos7: Common_Value
	Pos8: Level_of_Clinician
	Pos9: Internal_Service_ID
	Example:
	An error on Procedure_Code will return:
	000010000

UpdateEncounter()

[C#]

public string UpdateEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID, string Service_Date, string Procedure_Code, int Units, int Common_Value, int Level_of_Clinician)

[Visual Basic.Net]

Public UpdateEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String, Byval Service_Date as String, Byval Procedure_Code as String, Byval Units as Integer, Byval Common_Value as int, Byval Level_of_Clinician as Integer) as string

This method updates an existing Consumer Encounter/service record to the database.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the
				provider's practice in their internal systems.

Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the episode of care for the specified consumer.
Internal_Service_ID	Yes	String	20	The provider's internally supplied identifier for this specific service rendered.
Service_Date	Yes	Date		Date the service was provided. Required format: "MM/DD/YYYY"
Procedure_Code	Yes	String	6	Standard Current Procedural Terminology Codes (CPT) or Healthcare Common Procedure Coding System (HCPCS) codes.
Units	Yes	Integer		The number of units of the procedure supplied above.
Common_Value	Yes	Integer		The default MRO value will be used if no value is supplied.
Level_Of_Clinician	Yes	Integer		*

^{*}Refer to the Import/Export Process document for possible values.

Value	Value Description
= 1	Encounter Updated Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -20	Field(s) with Error
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -39	Unable to locate Agency Service ID provided or invalid Agency Service ID
= -60	Internal Service ID not found; no record edited
Items Specific Error	String representing the validation status of each field. Values: 0 = Ok 1 = Error From left to right: Pos1: Record Identifier Pos2: Internal_ID Pos3: Internal_Episode_ID Pos4 Service_Date Pos5: Procedure_Code Pos6: Units Pos7: Common_Value Pos8: Level_of_Clinician Pos9: Internal_Service_ID
	Example: An error on Procedure_Code will return: 000010000

NewUpdateEncounter()

[C#]

public string NewUpdateEncounter(string UserName, string Password, string Internal_ID, Encounter service)

[Visual Basic.Net]

Public NewUpdateEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Service as Encounter) as String

This method updates an existing Consumer Encounter record from an Encounter class reference.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Service	Yes	Class		Please refer to the Encounter Class description for field layout.

Returns: String	
Value	Value Description
= 1	Encounter Updated Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -39	Unable to locate Agency Service ID provided or invalid Agency Service ID
=-60	Internal Service ID not found; no record edited
Items Specific Error	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Record Identifier
	Pos2: Internal_ID
	Pos3: Internal_Episode_ID
	Pos4 Service_Date
	Pos5: Procedure_Code
	Pos6: Units
	Pos7: Common_Value
	Pos8: Level_of_Clinician
	Pos9: Internal_Service_ID
	Example:
	An error on Procedure_Code will return:
	000010000

DeleteEncounter()

This method removes an existing Consumer Encounter record from the database.

[C#]

public string DeleteEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID)

[Visual Basic.Net]

Public DeleteEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String) as String

This method removes a consumer Encounter/Service record.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at
				the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the
				episode of care for the specified consumer.
Internal_Service_ID	Yes	String	20	This is the provider's internally supplied identifier for
				this specific service rendered.

Returns: String

Value	Value Description
= 1	Encounter Deleted Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -39	No Service Record found by supplied Service ID

GetEncounter()

[C#]

public Encounter GetEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID)

[Visual Basic.Net]

Public GetEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String) as Encounter

This method retrieves a Consumer Encounter information into the Encounter class object.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at
				the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the
				episode of care for the specified consumer.
Internal_Service_ID	Yes	String	20	This is the provider's internally supplied identifier for
				this specific service rendered.

Returns: Class Encounter

Value	Value Description
InternalServiceID > "0"	Please Refer to the Encounter Class description for field layout.
= "0"	Service record not found
= "-1"	Invalid flow
= "-2"	SQL exception
= "-3"	Authentication Failed
= "-4"	Web Service Secure Connection Failed

Evidence Based Practice Object

InsertEBPHistory()

[C#]

public string InsertEBPHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string EBP_History_Date, int ACT, int SOC, int CAPRTF, int Employment, int IDDT, int IMR, int Housing, int MonInt, int CogBeh, int MatMod)

[Visual Basic.Net]

Public InsertEBPHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval EBP_History_Date as String, Byval ACT as Integer, Byval SOC as Integer, Byval CAPRTF as Integer, Byval Employment as Integer, Byval IDDT as Integer, Byval IMR as Integer, Byval Housing as Integer, Byval MonInt as Integer, Byval CogBeh as Integer, Byval MatMod as Integer) as String

This method inserts an EBP History Record into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at
				the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the
				episode of care for the specified consumer.
EBP_History_Date	Yes	Date	10	Date the EBP facts take affect Required format:
				"MM/DD/YYYY"
ACT	Yes	Integer		0 = No
				1 = Yes
SOC	Yes	Integer		0 = No
				1 = Yes
CAPRTF	Yes	Integer		0 = No
				1 = Yes
Employment	Yes	Integer		*
IDDT	Yes	Integer		0 = No
				1 = Yes, with fidelity to the model (As defined by the
				SAMHSA Toolkit Project)
				2 = Yes, without fidelity to the model
IMR	Yes	Integer		0 = No
				1 = Yes, with fidelity to the model (As defined by the
				SAMHSA Toolkit Project)
				2 = Yes, without fidelity to the model
Housing	Yes	Integer		0 = No
				1 = Yes
MotInt	Yes	Integer		0 = No
				1 = Yes
CogBeh	Yes	Integer		0 = No
				1 = Yes
MatMod	Yes	Integer		0 = No
				1 = Yes

^{*}Refer to the Import/Export Process document for possible values.

Returns: String

Value	Value Description				
= 1	EBP History Inserted Successfully				
= 2	EBP History Updated Successfully				
= 0	Consumer record not found				
= -1	Invalid flow				
= -2	SQL exception				
= -3	Authentication Failed				
= -4	Web Service Secure Connection Failed				
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available				
Items Specific Error	String representing the validation status of each field.				
	Values:				
	0 = Ok				
	1 = Error				
	From left to right:				
	Pos1: Record Identifier				
	Pos2: Internal_ID				
	Pos3: Internal_Episode_ID				
	Pos4: EBP_History_Date				
	Pos5: ACT				
	Pos6: SOC				
	Pos7: CAPRTF				
	Pos8: Employment				
	Pos9: IDDT				
	Pos10: IMR				
	Pos11: Housing				
	Pos12:MotInt				
	Pos13:CogBeh				
	Pos14:MatMod				
	Evample				
	Example:				
	An error on ACT_Ind will return:				
	0000100000000				

<u>NewInsertEBPHistory()</u>

[C#]

public string NewInsertEBPHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID,
EBPs inputEBP)

[Visual Basic.Net]

Public NewInsertEBPHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputEBP as EBPs) as String

This method inserts an EBP History Record into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the episode of care for the specified consumer.
inputEBP	Yes	Class		Please Refer to the EBP Class Definition for field layout.

Returns: String					
Value	Value Description				
= 1	EBP History Inserted Successfully				
= 2	EBP History Updated Successfully				
= 0	Consumer record not found				
= -1	Invalid flow				
= -2	SQL exception				
= -3	Authentication Failed				
= -4	Web Service Secure Connection Failed				
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available				
Items Specific Error	String representing the validation status of each field.				
	Values:				
	0 = Ok				
	1 = Error				
	From left to right:				
	Pos1: Record Identifier				
	Pos2: Internal_ID				
	Pos3: Internal_Episode_ID				
	Pos4: EBP_History_Date				
	Pos5: ACT				
	Pos6: SOC				
	Pos7: CAPRTF				
	Pos8: Employment				
	Pos9: IDDT				
	Pos10: IMR				
	Pos11: Housing				
	Pos12:MotInt				
	Pos13:CogBeh				
	Pos14:MatMod				
	- Francisco				
	Example:				
	An error on ACT_Ind will return:				
	00001000000000				

Diagnosis Object

InsertDiagnosisHistory()

[C#]

public string InsertDiagnosisHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, Diagnosis inputDiagnosis)

[Visual Basic.Net]

Public InsertDiagnosisHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputDiagnosis as Diagnosis) as String

This method inserts a Diagnosis History Record into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at
				the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the
				episode of care for the specified consumer.
inputDiagnosis	Yes	Class		Please refer to the Diagnosis Class Definition for field
				layout. (Note: If no GAF or SOGS score, supply -2
				(None).

^{*}Refer to the Import/Export Process document for possible values.

Value	Value Description			
= 1	Diagnosis History Inserted Successfully			
= 2	Diagnosis History Updated Successfully			
= 0	Consumer record not found			
= -1	Invalid flow			
= -2	SQL exception			
= -3	Authentication Failed			
= -4	Web Service Secure Connection Failed			
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available			
Items Specific Error	String representing the validation status of each field.			
	Values:			
	0 = Ok			
	1 = Error			
	From left to right:			
	Pos1: Record Identifier			
	Pos2: Internal_ID			
	Pos3: Internal_Episode_ID			
	Pos4: Diagnosis_Date			
	Pos5: Axis1Diag1			
	Pos6: Axis1Diag2			

Pos7: Axis1Diag3
Pos8: Axis2Diag1
Pos9: Axis2Diag2
Pos10: Axis3Diag1
Pos11: Axis3Diag2
Pos12: Axis3Diag3
Pos13: Axis3Nara
Pos14: Axis4Diag
Pos15: Axis4Nara
Pos16: Axis5GAF
Pos17: Leading_Cause_Ind
Pos18: SOGS

ValidateDiagnosisCode()

[C#]

public int ValidateDiagnosisCode(string UserName, string Password, string Diagnosis_Code)

[Visual Basic.Net]

Public ValidateDiagnosisCode(Byval UserName as String, Byval Password as String, Byval Diagnosis_Code as String) as Integer

This method returns the correct identifier to submit for a specific Diagnosis Code.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Diagnosis_Code	Yes	String	6	Supply a standard DSM IV Diagnosis
				Code to retrieve the expected
				identifier. Typical format for this input
				is "999.99"

Value	Value Description			
> 0	Diagnosis Identifier			
= 0	Diagnosis Code not recognized			
= -1	Invalid flow			
= -2	SQL exception			
= -3	Authentication Failed/Provider-User combination not found			
= -4	Web Service Secure Connection Failed			

RetrieveDiagnosisAxisList()

[C#]

public DiagnosisList RetrieveDiagnosisAxisList(string UserName, string Password, int Diagnosis_Axis)

[Visual Basic.Net]

Public RetrieveDiagnosisAxisList(Byval UserName as String, Byval Password as String, Byval Diagnosis_Axis as Integer) as DiagnosisList

This method returns a list of Diagnosis Codes within the system based upon the Axis requested.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Diagnosis_Axis	Yes	Integer		Supply a value 1 – 4 to retrieve a listing of the Diagnosis
				Codes and their respective IDs.

Returns: Class DiagnosisList

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Value	Value Description				
Count > 0	Diagnosis List returned, please refer to the DiagnosisList Class Definition for field				
	layout				
Count = -41	Diagnosis Axis Invalid				
Count = -1	Invalid flow				
Count = -2	SQL exception				
Count = -3	Authentication Failed				
Count = -4	Web Service Secure Connection Failed				

NOMS Object

InsertNOMSHistory()

[C#]

public string InsertNOMSHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, NOMS_Record inputNoms)

[Visual Basic.Net]

Public InsertNOMSHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputNoms as NOMS_Record) as String

This method inserts a NOMS History Record into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data	Length	Comments/Description
		Type		
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	This is the provider's internal client identifier used at
				the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the
				episode of care for the specified consumer.
inputNOMS	Yes	Class		Please refer to the NOMS_Record Class Definition for
				field layout.

^{*}Refer to the Import/Export Process document for possible values.

Value	Value Description
= 1	NOMS History Inserted Successfully
= 2	NOMS History Updated Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -31	Invalid Episode of Care specified or no Default Open Episode of Care available
= -61	School Attendance Status is required for children ages 3-17
= -62	Housing Category does not match with Level of Residential Support, Level of
	Community Integration or Homeless Services
Items Specific Error	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Record Identifier
	Pos2: Internal_ID
	Pos3: Internal_Episode_ID
	Pos4: NOMS_Date

Pos5: NOMS_Reason_Code Pos6: Education_lvl Pos7: School atd Pos8: Employment Pos9: ROLES Score Pos10: Living_Arrangement Pos11: Housing_cat Pos12: Housing_sta Pos13: Ressup_lvl Pos14: Comint_lvl Pos15: Homeless_srv Pos16: Employment Detail Pos17: Primary Substance Code Pos18: Primary_Route_Code Pos19: Primary_Frequency_Code Pos20: Primary_Age Pos21: Secondary_Substance_Code Pos22: Secondary_Route_Code Pos23: Secondary_Frequency_Code Pos24: Secondary_Age Pos25: Tertiary Substance Code Pos26: Tertiary_Route_Code Pos27: Tertiary_Frequency_Code Pos28: Tertiary_Age Pos29: Criminal_Involvement Pos30: Social Support Pos31: Needle Use Pos32: IsPregnant

GetSubstanceCodes()

[C#]

public DataSet GetSubstanceCodes(string UserName, string Password)

[Visual Basic.Net]

Public GetSubstanceCodes(Byval UserName as String, Byval Password as String) as DataSet

This method retrieves a list of all of the valid Substances and their respective identifiers.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password

Returns: DataSet

Value	Value Description
DataSet.Tables[0]	.Columns[0] = Substance Name
	.Columns[1] = Substance ID
.Columns[0] = -1	Invalid flow
.Columns[0] = -2	SQL exception
.Columns[0] = -3	Authentication Failed
.Columns[0] = -4	Web Service Secure Connection Failed

NewGetSubstanceCodes()

[C#]

public Substances NewGetSubstanceCodes(string UserName, string Password)

[Visual Basic.Net]

public NewGetSubstanceCodes(Byval UserName as String, Byval Password as String) as Substances

This method retrieves a list of all of the valid Substances and their respective identifiers.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password

Returns: Class Substances

Value	Value Description	
Count > 0	Please refer to the Substances Class Definition for the field layout.	
= -1	Invalid flow	
= -2	SQL exception	
= -3	Authentication Failed	
= -4	Web Service Secure Connection Failed	

Agreement Object

<u>InsertAgreementHistory()</u>

[C#]

public string InsertAgreementHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string AgreementFunding_Date, int Agreement_Type, int Funding_Type, int Change_Code)

[Visual Basic.Net]

Public InsertAgreementHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval AgreementFunding_Date as String, Byval Agreement_Type as Integer, Byval Funding_Type as Integer, Byval Change_Code as Integer) as String

This method inserts an Agreement/Funding History Record into the default or specified Episode of Care.

Input Parameters

Field Name	Required	Data Type	Length	Comments/Description
UserName	Yes	String	20	Web Service User Name
Password	Yes	String	8	Web Service Password
Internal_ID	Yes	String	20	The provider's internal client identifier used at the provider's practice in their internal systems.
Internal_Episode_ID	Yes	String	25	The provider's internal episode identifier for the episode of care for the specified consumer.
AgreementFunding_Date	Yes	Date		Date the Agreement / Funding History takes effect. Required format: "MM/DD/YYYY"
Agreement_Type	Yes	Integer		1 = SMI 2 = SED 3 = CA
Funding_Type	Yes	Integer		-2 = None 2 = Deaf 3 = Deaf Gambling 4 = SMO 5 = GAM
Change_Code	Yes	Integer		1 = Initial 2 = Refined Diagnosis 3 = Special Funding Requested 4 = Released from Special Funding

Value	Value Description
= 1	Agreement/Funding History Inserted Successfully
= 2	Agreement/Funding History Updated Successfully
= 0	Consumer record not found
= -1	Invalid flow
= -2	SQL exception
= -3	Authentication Failed
= -4	Web Service Secure Connection Failed
= -31	No Episode Found
= -36	Invalid Episode of Care
= -43	Invalid Age/Agreement Type combination
Items Specific Error	String representing the validation status of each field.
	Values:
	0 = Ok
	1 = Error
	From left to right:
	Pos1: Internal_ID
	Pos2: Internal_Episode_ID
	Pos3: AgreementFunding_History_Date
	Pos4: Agreement_Type
	Pos5: Funding_Type
	Pos6: AgreementFunding_Change_Code

UNIVERSAL ERROR CODE LIST

Code Value	Subject Area	Code Description
1	General	Operation completed successfully
0	Consumer	Consumer Record Not Found
-1	General	Invalid Flow
-2	General	SQL exception
-3	General	Authentication Failed
-4	General	Web Service Secure Connection Failed
-5	Assessment	No Assessment Found
-6	Assessment	Assessment Date is required
-7	Assessment	Invalid Assessment Date (format)
-8	Assessment	Future Assessment Date is not allowed
-9	Assessment	Duplicate Assessment – Same Internal ID and Assessment Date
-10	Assessment	Answer ID is required
-11	Assessment	Clinician ID is required
-12	Assessment	Clinician ID not found or certification is missing or has expired
-13	Assessment	Invalid Assessment Reason Code.
-14	Assessment	Assessment is empty
-15	Assessment	Assessment Answer Error: An answer does not match with existing assessment
-16	Assessment	Assessment is incomplete: < <error question="">> answer is missing</error>
		from core module < <error module="">></error>
-18	Assessment	Assessment is incomplete: < <error question="">> answer is missing</error>
		from a mandated extension module < <error module="">></error>
-19	General	Unexpected error
-20	General	Field(s) with errors
-21	Assessment	Reason Code Error: Incorrect Reason Code Specified
-23	Assessment	System Error: Simple Episode Creation Failed
-24	Assessment	Episode Error: Assessment cannot be attached to an episode
		closed for over a year
-25	Assessment	Episode Error: Assessment date is not within the boundaries of the episode
-27	Assessment	Episode Error: Invalid Episode specified
-28	Assessment	System Error: Insert Visit failed! Please try again or contact DARMHA Help Desk
-29	Episode	Invalid Episode of Care specified
-30	Episode	Consumer has no Episode of Care defined
-31	Assessment	No open episode of care defined by the supplied criteria
-32	Episode	Existing Open Episode of Care Exists, cannot create second open
		episode without closing first.
-33	Episode	No Episode of Care exists, use Insert instead of Update

-34	Episode	Latest Episode has no Internal Identifier	
-35	Episode	Invalid Episode Status Code	
-36	Episode	Service Outside Episode of Care Bounds	
-37	Episode	Invalid Episode Start Date or Internal Episode Code	
-38	Episode	Invalid Episode Close Date	
-39	Encounter	Unable to locate Agency Service ID provided or invalid Agency Service ID	
-40	Encounter	No Service Record found by supplied Service ID	
-41	Diagnosis	Invalid Diagnosis Axis Value Specified	
-42	Agreement/Funding	SMI / SOF Conflict Error. SOF Contract requires SMI be Agreement Type	
-43	Agreement/Funding	Invalid Age/Agreement Type Combination	
-44	File	Number of fields is invalid for the selected file type.	
-45	File	Invalid Episode Data type identifier	
-46	Episode	No Prior Episode of Care Defined	
-47	Episode	Episode Age beyond 365 days. Cannot modify	
-48	Episode	Episode Overlap Error: Episode Predates existing episode or is defined inside another existing episode.	
-49	Episode	Internal Episode ID Exists, cannot insert new episode with	
-50	Episode	Invalid Consumer/Provider Combination	
-51	Episode	Episode status is already closed	
-52	Consumer	At least one race must be selected	
-53	Episode	Invalid HAP status start date	
-54	Episode	Invalid HAP status code	
-55	Episode	Due to changes to the episode, It must remain open 24 hours prior to closing	
-56	Diagnosis	Invalid value in Axis V-GAF or SOGS Field	
-57	Consumer	Other single race can only be used when the other race categories do not apply	
-58	Assessment	Invalid Assessment Tool for Consumer's Age, 1	
-59	Encounter	Internal Service ID already exists; record skipped.	
-60	Encounter	Internal Service ID not found; no record edited.	
-61	NOMS	School Attendance Status is required for children ages 3-17	
-62	NOMS	Housing Category does not match with Level of Residential Support, Level of Community Integration or Homeless Services	
-63	Agreement/Funding	Funding has been requested for this record; it cannot be overwritten.	
-64	Agreement/Funding	Required data to request funding is missing.	
-65	Consumer	Based on DOB and Social Security number, this consumer already exists.	
-66	Consumer	This consumer record already exists; updating is not allowed. Please contact the helpdesk.	